BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer, Project Division, B.B.M.P., Bangalore - 92

SCHEDULE - B

Name of Work:Providing Children play Equipement and Open Gym equipement at SFS 208 park opposite to mother diary Ward No 03.

Sl. No.	App Qty	Description	Unit	Approved Tender Rates of KRIDL	
				Rate in figures	Rate in words
1	59.40	Earth work in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.50m. excavated surface levelled and neatly dressed , disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.and as per the direction of Engineer-in-charge.	Cum	233.20	Rupees Two Hundred Thirty Three And Paise Twenty Only
2	21.10	Earth work excavation for foundation of building, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications and as per the direction of Engineer-in-charge.	Cum	200.34	Rupees Two Hundred And Paise Thirty Four Only
3	24.92	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications and as per the direction of Engineer-in-charge..	Cum	80.56	Rupees Eighty And Paise Fifty Six Only
4	15.84	Construction of Embankment with Material Gravel/ Murrum. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) and as per the direction of Engineer-in-charge.	Cum	320.12	Rupees Three Hundred Twenty And Paise Twelve Only
5	619.00	Providing and fixing precast solid concrete kerb stones made out of CC. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete and as per the direction of Engineer-in-charge.	Nos	385.84	Rupees Three Hundred Eighty Five And Paise Eighty Four Only
6	22.45	Providing and laying in position plain cement concrete of Mix CC 1:4:8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation including cost of all materials, labour HOM of machinery curing complete as per specification, and as per the direction of Engineer-in-charge.	Cum	5159.02	Rupees Five Thousand One Hundred Fifty Nine And Paise Two Only

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Sl. No.	App Qty	Description	Unit	Approved Tender Rates of KRIDL	
				Rate in figures	Rate in words
7	20.03	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.and as per the direction of Engineer-in-charge.	Cum	5874.52	Rupees Five Thousand Eight Hundred Seventy Four And Paise Fifty Two Only
8	249.03	Providing and fixing cement base precast, pre-polished cement concrete designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, gridding the edge to half/full round wherever required, labour curing complete as per specification. and as per the direction of Engineer-in-charge.	Sqmt	1116.18	Rupees One Thousand One Hundred Sixteen And Paise Eighteen Only
9	1806.52	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification.. and as per the direction of Engineer-in-charge.	Kg	116.60	Rupees One Hundred Sixteen And Paise Sixty Only
10	24.78	Supplying and fixing new Mangalore tiles on existing reepers and as per the direction of Engineer-in-charge.	Sqmt	384.78	Rupees Three Hundred Eighty Four And Paise Seventy Eight Only
11	24.78	Providing Mangalore Ridge tiles set in C.M. 1:2 and pointed with C.M. 1:2 and as per the direction of Engineer-in-charge.	Sqmt	384.78	Rupees Three Hundred Eighty Four And Paise Seventy Eight Only
12	295.88	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.and as per the direction of Engineer-in-charge.	Sqmt	86.92	Rupees Eighty Six And Paise Ninety Two Only
13	980.00	Removing and resetting of Kerb stone and as per the direction of Engineer-in-charge.	Mtr	65.72	Rupees Sixty Five And Paise Seventy Two Only
14	125.19	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.and as per the direction of Engineer-in-charge.	Sqmt	27.56	Rupees Twenty Seven And Paise Fifty Six Only

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				Rate in figures	Rate in words
15	566.19	Painting on Concrete Surface KSRRB M2700-12. Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint at of 1 litre for 2 sqm complete as per specifications and as per the direction of Engineer-in-charge.	Sqmt	66.78	Rupees Sixty Six And Paise Seventy Eight Only
16	1.00	SUPPLYING AND FIXING OF FUN WALKER SINGLE OFF SAFE AREA-3 mtr x 2 mtr, main frame: 100NB GI B-class pipe, LEG FRAME: 32 NB GI B-cLASS pipe, HANDLE FRAME: 25NB GI B-CLASS pipe, FOOT REST: LLDB PLASTIC, PIPE:Nylon 66 injection moulded, BEARING CAP: nylon 66 injection moulded, BEARING HOUSING AND PIN: seamless pipe and round bar, NUT BOLT CAP: nylon 66 injection moulded, BEARING: Permanent sealed of reputed make(FAB/SKF), NUT BPLTS-HIGH TENSILE STEEL, GALVANISE NUT BOLTS, POWDER COAT: Done by pure poly urethane powder with 70-80 microne tthickness as per engineer incharge of the work	each	85300	Rupees Eighty Five Thousand Three Hundred Only
17	1.00	SUPPLYING AND FIXING OF CHEST PRESS DOUBLE OF SAFE AREA: 4 mtr x 2.5 mtr of centre pipe: 100 NB GI B-class pipe, CEAT FRAME: 32 NB GI B-class pipe handle frame 32 NB & 15NB GI B-class pipe handle cover TPEE injection moule sear rest LLDP Plastic pipe cap nylon 66 injection moulded, bearing housing & seamless pipe and round bar, BEARINGS: permament sealed of reputed make (FAG/SKF), nut bolts: high tensile steel galavanised nut bolts, done by pure poly urethane powder with 70-80 microne thickness as per engineer incharge of the work	each	147340	Rupees One Lakh(s) Forty Seven Thousand Three Hundred Forty Only
18	1.00	Supplying and fixing of LEG PRESS DOUBLE of safe area: 2.8 mtr x 1.5 mtr, center Pipe: 100 NB, GI- B-Class pipe, seat frame: 32 NB GI B-Class pipe. Back rest: LLDP Plastic seat rest: LLDP Plastic, Foot Rest: LLDP Plastic, Pipe Cap: nylon 66 injection moulded, bearing, housing and pin: seamless pipe and round bar, bearings: permanent sealed of reputed make(FAG/SKF), STOPPER-PU Rod, nut, bolds cap-nylon 66 injection moulded NUT BOLTS-HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT-DONE BY PURE POLY URETINE POWDER WITH 70-80 MICRONE THICKNESS AS PER ENGINEER INCHARGE OF THE WORK.	each	141420	Rupees One Lakh(s) Forty One Thousand Four Hundred Twenty Only
19	1.00	SUPPLYING AND FIXING PENDULUM DOUBLE OF SAFE AREA: 2.5 mtr x 1 mtr main frame: 100 NB GI G-class pipe, LEG FRAME: 40 NB GI B-class pipe handle frame 25 NB GI B-class pipe, seat: LLDP Plastic pipe cap: nylon 66 injection moulded, bearing cap: nylon 66 injection moulded, bearing housing and pin: seamless pipe and round bar, NUT BOLTS CAP: nylon 66 injection moulded, bearing caps: permament sealed of reputed make (FAB/SKF), nut bolts: high tensile steel galavanise nut bolts, power coat – done by pure poly urethane powder with 70-80 microne thickness as per engineer incharge of the work	each	136440	Rupees One Lakh(s) Thirty Six Thousand Four Hundred Forty Only

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				Rate in figures	Rate in words
20	1.00	SUPPLYING AND FIXING OF TAI CHI SPINNER OF SAFE AREA: 2.0 mtr, DIA, main frame 100 100 NB GI B-class pipe, Handle Frame : 32 NB GI B-class pipe spinning LLDP Plastic pipe cap nylon 66 injection moulded, bearing cap: nylon 66 injection moulded, bearing housing and pin: seamless pipe and round bar, NUT BOLT CAPS: NYLON 66 injection moulde bearing permament sealed of reputed make (FAB/SKF), nut bolts: high tensile steel galvanized nut bolts, done by pure poly urethane powder with 70-80 microne thickness as per engineer incharge of the work	each	115135	Rupees One Lakh(s) Fifteen Thousand One Hundred Thirty Five Only
21	1.00	SUPPLYING AND FIXING OF SKYWALKER OF SAFE AREA: 2.8 mtr x 1.5 mtr centre pipe: 100 NB GI B-class, SEAT FRAME: 32 NB GI B-class pipe, BACK REST: LLDP Plastic, SEAT REST: LLDP Plastic, FOOT REST: LLDP Plastic, PIPE CAP: Nylon 66 injection moulded, BEARING CAP: Nylon 66 injection moulded bearing housing an pin: seamless pipe an Round Bar, Bearing: Permanent sealed of reputed make (FAG/SKF) stopper: PU Rod, Nut Bolts Cap: Nylon 66 injectin moulded, Nut Bolts: High Tensile Steel, Galbanise Nut Bolts, Powder coat: Done by pure polyurethane power with 70-80 micron thickness as per engineer incharge of the work	each	147340	Rupees One Lakh(s) Forty Seven Thousand Three Hundred Forty Only
22	2.00	SUPPLYING AND FIXING FUN RIDER OF SAFE AREA: 2.5 mtr x 1.5 mtr main frame: 80 NB GI B-class pipe, SEATFRAME: 80 NB GI B-class pipe handle frame 32 NB GI B-class pipe seat LLDP Plastic pipe nylon 66 : nylon 66 injection moulded, bearing cap: nylon 66 injection moulded bearing housing and pin seamless pipe and round bar, NUT BOLTS CAP: nylon 66 injection moulded bearings permament sealed of reputed make (FAG/SKF), nut bolts: high tensile steel galavanised nut bolts, powder coat done by pure poly urethane powder with 70-80 micron thickness as per engineer incharge of the work	each	109660	Rupees One Lakh(s) Nine Thousand Six Hundred Sixty Only
23	2.00	SUPPLYING AND FIXING SHOULDER PRESS DOUBLE OF SAFE AREA: 4 mtr x 2.5 mtr of centre pipe: 100 NB GI B-class pipe, SEAT FRAME: 32 NB GI B-class pipe handle frame 15 NB GI B-class pipe, handle cover TPEE injection moulded seat rest: LLDP Plastic pipe cap: nylon 66 injection moulded, bearing cap: nylon 66 injection moulded, bearing housing and pin: seamless pipe and round bar, BEARINGS: permament sealed of reputed make (FAB/SKF), nut bolts: high tensile steel galavanise nut bolts, nut bolts cab nylon 66 injection moulded power coat – done by pure poly urethane powder with 70-80 microne thickness as per engineer incharge of the work	each	140595	Rupees One Lakh(s) Forty Thousand Five Hundred Ninety Five Only
24	1.00	SUPPLYING AND FIXING OF FUN ROVER OF SAFE AREA: 2.5 mtr x 1.5 mtr of main frame: 80 NB GI B-class pipe, CEAT FRAME: 80 NB GI B-class pipe handle frame 32 NB GI B-class pipe Seat LLDP Plastic pipe cap nylon 66 injection moulded, bearing cap: nylon 66 injection moulded, bearing housing and pin: seamless pipe and round bar, NUT BOLTS CAP: nylon 66 injection moulded, BEARINGS: permament sealed of reputed make (FAG/SKF), nut bolts: high tensile steel galavanised nut bolts, done by pure poly urethane powder with 70-80 microne thickness as per engineer incharge of the work	each	107080	Rupees One Lakh(s) Seven Thousand Eighty Only

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Sl. No.	App Qty	Description	Unit	Approved Tender Rates of KRIDL	
				Rate in figures	Rate in words
25	1.00	SUPPLYING AND FIXING OF STANDING TWISTER THREE WAY OF SAFE AREA: 2.5 mtr dia main frame 100 NB GI B-class pipe, ARM FRAME: 32 NB GI B-class pipe handle frame 20 NB GI B-class pipe twister disk LLDP Plastic pipe cap nylon 66 injection moulded, bearing cap: nylon 66 injection moulded, bearing housing and pin: seamless pipe and round bar,NUT BOLTS CAP: nylon 66 injection moulded bearing permament sealed of reputed make (FAG/SKF), nut bolts: high tensile steel galvanized nut bolts, done by pure poly urethane powder with 70-80 microne thickness as per engineer incharge of the work	each	137600	Rupees One Lakh(s) Thirty Seven Thousand Six Hundred Only
26	1.00	SUPPLYING AND FIXING OF Sitting TWISTER THREE WAY OF SAFE AREA: 2.5 mtr dia main frame 100 NB GI B-class pipe, ARM FRAME: 32 NB GI B-class pipe handle frame 20 NB GI B-class pipe twister disk LLDP Plastic pipe cap nylon 66 injection moulded, bearing cap: nylon 66 injection moulded, bearing housing and pin: seamless pipe and round bar,NUT BOLTS CAP: nylon 66 injection moulded bearing permament sealed of reputed make (FAG/SKF), nut bolts: high tensile steel galvanized nut bolts, done by pure poly urethane powder with 70-80 microne thickness as per engineer	each	155260	Rupees One Lakh(s) Fifty Five Thousand Two Hundred Sixty Only
27	1.00	SUPPLYING AND FIXING OF SITUP BOARD DOUBLE OF SAFE AREA: 2.8 mtr x 1.5 mtr centre pipe: 100 NB GI B-class, SEAT FRAME: 32 NB GI B-class pipe, BACK REST: LLDP Plastic, SEAT REST: LLDP Plastic, FOOT REST: LLDP Plastic, PIPE CAP: Nylon 66 injection moulded, BEARING CAP: Nylon 66 injection moulded bearing housing an pin: seamless pipe an Round Bar, Bearing: Permanent sealed of reputed make (FAG/SKF) stopper: PU Rod, Nut Bolts Cap: Nylon 66 injectin moulded, Nut Bolts: High Tensile Steel, Galbanise Nut Bolts, Powder coat: Done by pure polyurethane power with 70-80 micron thickness as per engineer incharge of the work	each	112290	Rupees One Lakh(s) Twelve Thousand Two Hundred Ninety Only
28	1.00	SUPPLYING AND FIXING CYCLE SINGLE OF SAFE AREA: 2.5 mtr x 1 mtr of centre pipe: 100 NB GI B-class pipe, ARM FRAME: 40 NB GI B-class pipe handle frame 20 NB GI B-class pipe Seat LLDP Plastic pipe nylon 66 injection moulded, bearing cap: nylon 66 injection moulded, bearing housing and pin: seamless pipe and round bar, BEARINGS: permament sealed of reputed make (FAB/SKF), nut bolts: high tensile steel galavanised nut bolts, done by pure poly urethane powder with 70-80 microne thickness as per engineer incharge of the work	each	78170	Rupees Seventy Eight Thousand One Hundred Seventy Only
29	10.00	Providing and fixing granite benches as per design specification and fixing as per the direction of Engineer in charge of work	Nos	10550.00	Rupees Ten Thousand Five Hundred Fifty Only
30	5.00	Providing and fixing Cast Iron benches as per design specification and fixing as per the direction of Engineer in charge of work	Nos	15900.00	Rupees Fifteen Thousand Nine Hundred Only
31	1.00	Supply and fixing safety instruction board with BBMP Logo and company of manufacturing Logo finished product should have the following specification 1 inch *16 gauge sq metal frame, 2 inch by 16 gauge round pipe powder coated ,Fittings and clamps suited flex 2 print, sq pipe frame 1.2m x0.3m, round 3.48m by 2 inches * 16 gauge – 2 nos, flex print - 1 nos with safety instructions.and as per the direction of Engineer-in-charge.	Nos	15332.00	Rupees Fifteen Thousand Three Hundred Thirty Two Only

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Sl. No.	App Qty	Description	Unit	Approved Tender Rates of KRIDL	
				Rate in figures	Rate in words
32	110.00	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint	Sqm	698.54	Rupees Six Hundred Ninety Eight And Paise Fifty Four Only
33	165.00	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.	Mtr	343.44	Rupees Three Hundred Forty Three And Paise Forty Four Only
34	4.86	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation.and as per the direction of Engineer-in-charge.	Sqm	3110.04	Rupees Three Thousand One Hundred Ten And Paise Four Only
35	630.00	Providing and resetting of available heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm jOints, final compaction of paver surface joints into its final level, includingthick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between labour and HOM of machineries complete as per specifications and as per the direction of Engineer-in-charge.	Sqm	457.92	Rupees Four Hundred Fifty Seven And Paise Ninety Two Only
36	500.00	Providing and fixing of available heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm jOints, final compaction of paver surface joints into its final level, includingthick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between labour and HOM of machineries complete as per specificationsand as per the direction of Engineer-in-charge.	Sqm	966.72	Rupees Nine Hundred Sixty Six And Paise Seventy Two Only

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				Rate in figures	Rate in words
37	55.58	Lead for earthwork and disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading for earthwork (upto 10 kms) complete with all lead & lift & as per the direction of the Engineer in charges.	Cum	99.64	Rupees Ninety Nine And Paise Sixty Four Only

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